

ABSTRACT

A mobile home-land intelligent system's technology "H-LIST" for monitoring suspicious terrorist activities and for tracking biological and chemical gases, and explosives, including detection of stationary and portable weapons of mass destruction such that are likely carried on the body of a terrorist person or suicide bombers, or that which are likely planted in a parked vehicle or carried inside a moving vehicle, wherein a sensory platform is made effective in a jacket worn by officers, security officers, bus drivers, hostesses and the like for sensing such deadly gases and explosives while patrolling a defined and assigned vicinity. A receptor is attached on a waist belt worn by at least security personnel and connected to the sensory jacket output connection through at least a wired/wireless means for empowering the sensory platform on the outfit and for receiving signal communication wired/wirelessly from said platform indicative of detecting a sensed agent. Detected signals are then transported wirelessly through radio wave frequency signals to a centralized security monitoring station to enable initiating for at least a backup security personnel or agents to the vicinity of the detection. The sensors on the platform are multifunctional and coded to recognize wavelike pattern of gases and explosives through pre-generated radio wave frequencies from a transmitter and wherein said signals are modulated by a modulating receiver.